

RECEIVED

APR 15 2002

1632
SA

TECH CENTER 1600/2900 PATENT
Attorney Docket No. 07681.0019-01
Customer No. 22,852

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

O I P E
APR 11 2002
PATENT & TRADEMARK OFFICE
SEARCHED INDEXED SERIALIZED FILED

In re Application of:)
Keith Campbell et al.) Group Art Unit: 1632
Serial No.: 09/989,126) Examiner: D. Crouch
Filed: November 21, 2001)
)
)

For: UNACTIVATED OOCYTES AS CYTOPLAST
RECIPIENTS FOR NUCLEAR TRANSFER

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

TRANSMITTAL LETTER

In response to the Office Action of February 26, 2002, applicants submit the following:

1. Amendment and Response to Paper No. 5 (7 pages);

The claims are calculated below:

	Claims Remaining After Amendment		Highest Number Previously Paid	Present Extra	Rate	Additional Fee
Total	17	-	20	0	x \$ 18	\$ -0-
Indep.	3	-	3	0	x \$ 84	-0-
<input type="checkbox"/> First Presentation of Multiple Dep. Claim(s)					+\$280	-0-
					Subtotal	\$ -0-
					Reduction by ½ if small entity	-0-
					TOTAL	\$ -0-

No Extra Claims Fee Due.

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

2. Submission of Terminal Disclaimers (2 pages) with three (3) executed Terminal Disclaimers (10 pages total); and
3. \$330 Check (\$330 for Terminal Disclaimer Fees).

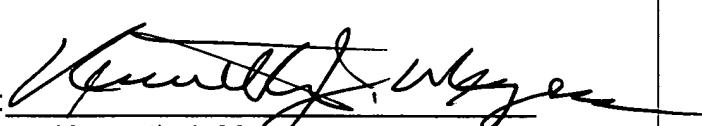
Please grant any extensions of time required to enter this paper and charge any additional required fees to our deposit account 06/0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: April 11, 2002

By:



Kenneth J. Meyers
Reg. No. 25,146
Tel: 202-408-4000
Fax: 202-408-4400
E-mail: ken.meyers@finnegan.com

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

RECEIVED

APR 15 2002

#63
Doe
4/23/02

TECH CENTER 1600/2900 PATENT
Attorney Docket No. 07681.0019-01
Customer No. 22,852

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Keith Campbell et al.

) Group Art Unit: 1632

Serial No.: 09/989,126

) Examiner: D. Crouch

Filed: November 21, 2001

)

)

For: UNACTIVATED OOCYTES AS CYTOPLAST
RECIPIENTS FOR NUCLEAR TRANSFER

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

AMENDMENT AND RESPONSE TO PAPER NO. 5

In response to the Office Action dated February 26, 2002 (Paper No. 5),
applicants submit the following amendment and remarks. Please amend this
application as follows:

IN THE CLAIMS:

Please cancel claim 19 and add the following new claims:

-- 20. (NEW) A method for producing a mammalian cultured inner cell mass cell
by nuclear transfer comprising:

(i) inserting a nucleus of a diploid non-human mammalian differentiated
somatic cell in the G1 phase of the cell cycle into an unactivated, enucleated
metaphase II-arrested non-human mammalian oocyte of the same species to
reconstruct an embryo;

B

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com